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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/427,388	10/26/1999	KEVIN LLOYD GRIMES	RCA-89.086	3105

24498 7590 10/29/2008  
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EXAMINER
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HARPER, KEVIN C

ART UNIT	PAPER NUMBER
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2416

MAIL DATE	DELIVERY MODE
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10/29/2008

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 09/427,388	<b>Applicant(s)</b> GRIMES ET AL.	
	<b>Examiner</b> Kevin C. Harper	<b>Art Unit</b> 2416	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 14 October 2008.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1 and 3-12 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 4-10 is/are allowed.
- 6) ☒ Claim(s) 1 and 10-12 is/are rejected.
- 7) ☒ Claim(s) 3 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                     | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

***Continued Examination Under 37 CFR 1.114***

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on October 14, 2008 has been entered.

***Response to Arguments***

Applicant's arguments filed October 14, 2008 have been fully considered but they are not persuasive.

1. Applicants argued that Eyer does not disclose an adaptive protocol decoder. However, the decoder of Eyer is adaptive because it can change decoding between analog and digital processing (fig. 2) and change decoding between different receive paths (i.e., satellite, cable, terrestrial).
2. Applicants argued that Eyer in view of applicant's admitted prior art ("AAPA") does not teach, suggest, or provide motivation for different first and second transport protocols. However, AAPA does provide a teaching of the state of the art that different transport protocols are used for video (page 2, lines 20-23). AAPA also notes that multiple sources having different transport formats are made available to be received (page 1, lines 20-26). AAPA provides motivation for combination with Eyer because the different transport protocols are disclosed as being proprietary (page 1, lines 9-18) known in the art as a preference for design choices (page 1, lines 30-32).

***Claim Rejections - 35 USC § 103***

The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claims 1 and 11-12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Eyer et al. (US 5,982,411) in view of and applicant's admitted prior art.

3. Regarding claims 1 and 11-12, Eyer discloses an adaptive transport decoder (figs. 1-2) comprising a source of a first stream of packets (item 130 or 210) each including a payload and having a first transport protocol (col. 1, lines 15-16; col. 8, lines 2-5 and 24-26; note: MPEG packets), a source of a second stream of packets (item 140 or 250), a protocol decoder (fig. 1, item 110; fig. 2, item 265; col. 7, line 65 through col. 8, line 7) coupled to the sources for extracting payloads from the packets, and a selector (fig. 2, items 275, 240 and 250) having input terminals (items 240 and 250) coupled to the first and second packet stream sources and an output terminal coupled to the protocol decoder (note: output terminal from item 240 or 250) for selectively coupling one of the first stream of sources to the decoder (col. 8, lines 35-39; col. 7, line 65 through col. 8, line 1; col. 8, lines 10-13; note: only one desired stream is sent from the demodulators to the decoder based on the user signal). Further regarding claim 11, the payloads of the packets are processed (note: standardized MPEG - col. 1, line 15). Further regarding claim 12, data from the packet header (col. 3, line 40; note: PID in header of standardized MPEG packets) is stored in a register for later use by the decoder (col. 7, line 65 through col. 8, line 1; col. 8, lines 24-26 and 31-39; col. 4, line 56 through col. 5, line 2).

4. However, Eyer does not disclose different transport protocols for the first and second packet streams. Applicant's admitted prior art discloses that packets from different streams have different transport protocols (pages 1-2; note: ATSC for terrestrial broadcasts has a different

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transport format than DSS for satellite broadcasts). Therefore, it would be obvious to one skilled in the art at the time the invention was made to have different transport protocols in the invention of Eyer in order to provide data as related to the communication medium or by preference, as is known in the art (specification, page 1, note: prior-art proprietary transport formats).

### ***Allowable Subject Matter***

Claims 3 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claims 4-10 are allowed

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kevin Harper whose telephone number is 571-272-3166. The examiner can normally be reached weekdays from 11:00 AM to 7:00 PM ET.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bill Trost, can be reached at 571-272-7872. The centralized fax number for the Patent Office is 571-273-8300. For non-official communications, the examiner's personal fax number is 571-273-3166 and the examiner's e-mail address is kevin.harper@uspto.gov.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications associated with a customer number is available through Private PAIR only. For

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more information about the PAIR system, see [portal.uspto.gov](http://portal.uspto.gov). Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Kevin C. Harper/

Primary Examiner, Art Unit 2416

October 27, 2008